

U.S. Joint Network Description Document

AJCO0001A



prepared by:

USMC Network Design Facility
Marine Corps Tactical Systems Support Activity

16 February 2001

WARNING WARNING WARNING

Warning: Modification of this network by unauthorized personnel is in violation of the CJCSI 6232.021A (01 JUN 1998) on Deconfliction

AJCO0001A
MARINE CORPS NETWORK DESIGN FACILITY
NETWORK DESCRIPTION

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Executive Summary

Network:	AJCO0001A	Created for:	JAPAN AREA OPERATIONS		
Use Limitations:	IPF OVERRIDE = 100/50				
Participants:	USMC Platforms	USN Platforms	USA Platforms	USAF Platforms	Other Platforms
	1 JTAOM 1 ADCP	4 SHIPS 2 E-2C 4 F14D		2 E-3 1 RJ 1 CRC 1 AOC	1 SHIP
Operational Summary:	1. Highest Platform TSDF =35.85%				
Network Requested by:	YOKOTA Air Force Base				
Send comments and Recommendations to:	USMC Network Design Facility Attn: AD-09 (MCNDF) Box 555171 Camp Pendleton, CA 92055-5171 E-mail: mcndf@mctssa.usmc.mil Website: http://www.mctssa.usmc.mil Telephone: DSN 365-2796/2133 COMM (760) 725-2796/2133				

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Introduction

Network AJCO0001A was developed by the Marine Corps Network Design Facility to support joint ground, air, and naval forces in the Japan Operations area, and consists of the following participants: SHIP(1), SHIP(2), SHIP(3), SHIP(4), SHIP(5), E2C(1), E2C(2), F14D(1), F14D(2), F14D(3), F14D(4), JTAOM(1), ADCP(1), E3(1), E3(2), RJ(1), CRC(1), and AOC(1).

Purpose

The purpose of this documentation is to describe Network AJCO0001A. It was created to allow initialization and communications of tactical data between all participating units. This documentation and appropriate loading data is being delivered to the appropriate Marine Corps units and Joint Services. Each of the other services participating in this network should contact their appropriated Network Design Facility to acquire their loading media.

Notes

1. The network's **IPF Override** is set to **3**, the **TSDF** is set to **100/50**, the **Communications Mode** is set to **Mode 1**, the **TDMA Range** is **300 nmi**, the **TSEC** is set to **1**, and the **MSEC** is set to **1**.
2. **Voice communications** will be available in **2.4 kbps only**.
3. There are **options pools** located in **NPG's 7, 9, and 19**. The Navy NDF will provide the option pool information for the appropriate participants.
4. **JICO oversees all responsibility in managing network TSDF, NTR, and Relay assignments.**
5. **Only one airborne relay can be active at anyone time.**

1.0 Functional Description

Network AJCO0001A was developed by the Marine Corps Network Design Facility to support joint ground, air, and naval forces in the Japan Operations area, and consists of the following participants: SHIP(1), SHIP(2), SHIP(3), SHIP(4), SHIP(5), E2C(1), E2C(2), F14D(1), F14D(2), F14D(3), F14D(4), JTAOM(1), ADCP(1), E3(1), E3(2), RJ(1), CRC(1), and AOC(1).

1.1 Operational Summary

1. 100/50 with 2.4 kbps voice only.
2. All participants do not have line of sight with every other participant. Only one E2 or E3 or RJ will perform relay functions as designated by JICO.

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1.2 Use Limitations

1. 100/50 IPF
2. 2.4 kpbs voice only.

2.0 Participants

<u>USMC Platforms</u>	<u>USN Platforms</u>	<u>USA Platforms</u>	<u>USAF Platforms</u>	<u>Other Platforms</u>
1 JTAOM	4 SHIP		2 E3	1 SHIP (JMSDF)
1 ADCP	2 E2C		1 RJ	
	4 F14D		1 CRC	
			1 AOC	

2.1 Network Participation Groups

NPG #3 (RTT-B)

Participants: All units
Access: Contention (4)
Capacity: 16 total slots
Assigned Net: 0

NPG #5 (PPLI-A)

Participants: F14D(1 thru 4)
Access: Dedicated
Capacity: 16 total slots
Assigned Net: 0
Packing Limit: P2SP

NPG #6 (PPLI-B)

Participants: All units.
Access: Dedicated
Capacity: 24 total slots
Assigned Net: 0
Relay: SHIP(1 thru 5), E2C(1 & 2), F14D(1 thru 4), E3(1 & 2), and RJ(1).
Packing Limit: P2SP

NPG #7 (Surveillance)

Participants: SHIP(1 thru 5) and E2C(1 & 2) exercise option pools. F14D(1 thru 4) receive and relay only. JTAOM(1), ADCP(1), E3(1 & 2), RJ(1) and CRC(1) Transmit and Receive. AOC(1) receive only.
Access: Dedicated
Capacity: 384 total slots
Assigned Net: 0
Relay: SHIP(1 thru 5), E2C(1 & 2), F14D(1 thru 4), E3(1 & 2), RJ(1) .
Packing Limit: P2SP

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NPG #8 (Weapons Coordination and Mission Management)

Participants:	SHIP(1 thru 5), E2C(1 & 2), JTAOM(1), ADCP(1) E3(1 & 2), RJ(1), CRC(1) & AOC(1) transmit and receive.
Access:	Dedicated
Capacity:	52 total slots
Assigned Net:	0
Relay:	SHIP(1 thru 5), E2C(1 & 2), F14D(1 thru 4), E3(1 & 2) and RJ(1).
Packing Limit:	P2SP

NPG #9 (Air Control)

Participants:	SHIP(1 thru 5), E2C(1 & 2) , JTAOM(1), E3(1 & 2), CRC(1) Transmit and Receive. F14D(1 thru 4) exercise option pools. All others receive only.
Access:	Uplink - dedicated with slot reuse. Backlink - dedicated options pool.
Capacity:	80 total slots
Assigned Net:	0
Relay:	None
Packing Limit:	P2SP
Note:	JICO needs to specify in OPTASKLINK net 0.

NPG #10 (Electronic Warfare)

Participants:	SHIP(1 thru 5), E2C(1), E3(1 & 2) and RJ(1) transmit and receive. All others receive only.
Access:	Dedicated
Capacity:	40 total slots
Assigned Net:	0
Relay:	SHIP(1 thru 5), E2C(1 & 2), F14D(1 thru 4), E3(1 & 2) and RJ(1).
Packing Limit:	P2SP

NPG #12 (Voice A)

Participants:	All units except JTAOM(1), ADCP(1) and AOC(1).
Access:	Dedicated
Capacity:	64 total slots
Assigned Net:	0
Relay:	SHIP(1 thru 5), E2C(1 & 2), F14D(1 thru 4), E3(1 & 2) and RJ(1).
Packing Limit:	P2SP
Note:	JICO needs to specify in OPTASKLINK net 0.

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NPG #14 (Indirect PPLI)

Participants:	SHIP(1 thru 5) transmit and receive. E2C(1 & 2), F14D(1 thru 4), JTAOM(1), ADCP(1), E3(1 & 2), RJ(1), CRC(1) and AOC(1) receive only.
Access:	Slot Reuse
Capacity:	16 total slots
Assigned Net:	0
Relay:	SHIP(1 thru 5), E2C(1), F14D(1 thru 4), E3(1 & 2) and RJ(1).
Packing Limit:	P2SP

NPG #19 (Fighter to Fighter)

Participants:	E2C(1 & 2) Transmit and Receive. F14D(1 thru 4) exercise option pools.
Access:	Dedicated and Slot Reuse
Capacity:	66 total slots
Assigned Net:	0
Relay:	None
Packing Limit:	P2SP

NPG #29 (Residual Messages)

Participants:	E3(1 & 2) & AOC(1) transmit and receive
Access:	Dedicated
Capacity:	12 total slots
Assigned Net:	0
Relay:	None
Packing Limit:	P2SP

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Appendix A

CONNECTIVITY MATRIX
PULSE DENSITY REPORT
ALLOCATION TABLE
COMSEC CROSS REFERENCE TABLE
TIME LINE DISPLAY
NDL FILE NAME TABLE

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Connectivity Matrix for Network AJCO0001A

SlotGroup Message Category Net Number TSEC Variable MSEC Variable Access Mode Packing Limit Per Unit Slots/Frame Total Slots/Frame			1	2	3	4	5	6	7	8	9	10	11	12
			3	5	6	TY	6	TY	7	TY	7	TY	7	TY
			0	0	0	0	0	0	0	0	0	0	0	0
			1	1	1	1	1	1	1	1	1	1	1	1
			4	D	D		D		D		D		D	
				P2SP	P2SP		P2SP		P2SP		P2SP		P2SP	
				4	2		1				32			
			8	16	8	8	16	16	160	160	64	64	8	8
Participant ID	Net Entry Transmit Enable	Default Net	Connectivity											
1. SHIP(1)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
2. SHIP(2)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
3. SHIP(3)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
4. SHIP(4)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
5. SHIP(5)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
6. E2C(1)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
7. E2C(2)	Y	0	T		R	Y	T/R	Y	O	Y	R	Y	R	Y
8. F14D(1)	Y	0	T	T/R	T/R	Y	R	Y	R	Y	R	Y	R	Y
9. F14D(2)	Y	0	T	T/R	T/R	Y	R	Y	R	Y	R	Y	R	Y
10. F14D(3)	Y	0	T	T/R	T/R	Y	R	Y	R	Y	R	Y	R	Y
11. F14D(4)	Y	0	T	T/R	T/R	Y	R	Y	R	Y	R	Y	R	Y
12. JTAOM(1)	Y	0	T		R	R	T/R	R	R	R	R	R	R	R
13. ADCP(1)	Y	0	T		R	R	T/R	R	R	R	R	R	R	R
14. E3(1)	Y	0	T		R	Y	T/R	Y	R	Y	T/R	Y	R	Y
15. E3(2)	Y	0	T		R	Y	T/R	Y	R	Y	T/R	Y	R	Y
16. RJ(1)	Y	0	T		R	Y	T/R	Y	R	Y	R	Y	T	Y
17. CRC(1)	Y	0	T		R	R	T/R	R	R	R	R	R	R	R
18. AOC(1)	Y	0	T		R	R	T/R	R	R	R	R	R	R	R

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Connectivity Matrix for Network AJCO0001A Con't

SlotGroup Message Category Net Number TSEC Variable MSEC Variable Access Mode Packing Limit Per Unit Slots/Frame Total Slots/Frame			13	14	15	16	17	18	19	20	21	22	23	24
			7	TY	7	TY	8	TY	8	TY	8	TY	9	9
			0	0	0	0	0	0	0	0	0	0	0	0
			1	1	1	1	1	1	1	1	1	1	1	1
			D		D		D		D		D		R	D
			P2SP		P2SP		P2SP		P2SP		P2SP		P2SP	P2SP
			64				4		4		2			
			128	128	24	24	40	40	8	8	4	4	16	64
Participant ID	Net Entry Transmit Enable	Default Net	Connectivity											
1. SHIP(1)	Y	0	R	R	R	Y	T/R	Y	R	Y	R	Y	T	R
2. SHIP(2)	Y	0	R	R	R	Y	T/R	Y	R	Y	R	Y	T	R
3. SHIP(3)	Y	0	R	R	R	Y	T/R	Y	R	Y	R	Y	T	R
4. SHIP(4)	Y	0	R	R	R	Y	T/R	Y	R	Y	R	Y	T	R
5. SHIP(5)	Y	0	R	R	R	Y	T/R	Y	R	Y	R	Y	T	R
6. E2C(1)	Y	0	R	Y	R	Y	T/R	Y	R	Y	R	Y	T	R
7. E2C(2)	Y	0	R	Y	R	Y	T/R	Y	R	Y	R	Y	T	R
8. F14D(1)	Y	0	R	Y	R	Y	R	Y	R	Y	R	Y	R	O
9. F14D(2)	Y	0	R	Y	R	Y	R	Y	R	Y	R	Y	R	O
10. F14D(3)	Y	0	R	Y	R	Y	R	Y	R	Y	R	Y	R	O
11. F14D(4)	Y	0	R	Y	R	Y	R	Y	R	Y	R	Y	R	O
12. JTAOM(1)	Y	0	T/R	R	R	R	R	R	T/R	R	R	R	T	R
13. ADCP(1)	Y	0	R	R	T	R	R	R	R	R	T/R	R	R	R
14. E3(1)	Y	0	R	Y	R	Y	T/R	Y	R	Y	R	Y	T	R
15. E3(2)	Y	0	R	Y	R	Y	T/R	Y	R	Y	R	Y	T	R
16. RJ(1)	Y	0	R	Y	R	Y	R	Y	R	Y	R	Y	R	R
17. CRC(1)	Y	0	T/R	R	R	R	R	R	T/R	R	R	R	T	R
18. AOC(1)	Y	0	R	R	R	R	R	R	R	R	T/R	R	R	R

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Connectivity Matrix for Network AJCO0001A Con't

SlotGroup Message Category Net Number TSEC Variable MSEC Variable Access Mode Packing Limit Per Unit Slots/Frame Total Slots/Frame			25	26	27	28	29	30	31	32	33	34	35
			10	TY	14	TY	14	TY	19	19	12	TY	29
			0	0	0	0	0	0	0	0	0	0	0
			1	1	1	1	1	1	1	1	1	1	1
			D		R		R		R	D	D		D
			P2SP		P2SP		P2SP		P2SP	P2SP	P2SP		P2SP
			4										4
			40	40	8	8	8	8	2	64	64	64	12
Participant ID	Net Entry Transmit Enable	Default Net	Connectivity										
1. SHIP(1)	Y	0	T/R	Y	T	Y	R	Y			T	Y	
2. SHIP(2)	Y	0	T/R	Y	R	Y	T	Y			T	Y	
3. SHIP(3)	Y	0	T/R	Y	T	Y	R	Y			T	Y	
4. SHIP(4)	Y	0	T/R	Y	R	Y	T	Y			T	Y	
5. SHIP(5)	Y	0	T/R	Y	T	Y	R	Y			T	Y	
6. E2C(1)	Y	0	T/R	Y	R	Y	R	Y	T	R	T	Y	
7. E2C(2)	Y	0	T/R	Y	R	Y	R	Y	T	R	T	Y	
8. F14D(1)	Y	0	R	Y	R	Y	R	Y	R	O	T	Y	
9. F14D(2)	Y	0	R	Y	R	Y	R	Y	R	O	T	Y	
10. F14D(3)	Y	0	R	Y	R	Y	R	Y	R	O	T	Y	
11. F14D(4)	Y	0	R	Y	R	Y	R	Y	R	O	T	Y	
12. JTAOM(1)	Y	0	R	R	R	R	R	R					
13. ADCP(1)	Y	0	R	R	R	R	R	R					
14. E3(1)	Y	0	T/R	Y	R	Y	R	Y			T	Y	T/R
15. E3(2)	Y	0	T/R	Y	R	Y	R	Y			T	Y	T/R
16. RJ(1)	Y	0	T/R	Y	R	Y	R	Y			T	Y	
17. CRC(1)	Y	0	R	R	R	R	R	R			T	R	
18. AOC(1)	Y	0	R	R	R	R	R	R					T/R

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Pulse Density Report for Network AJCO0001A

Check for active platform	Participant	Data Without Relay	Data With Relay
	SHIP(1)	3.75%	35.66%
	SHIP(2)	3.75%	35.52%
	SHIP(3)	3.75%	35.52%
	SHIP(4)	3.75%	35.52%
	SHIP(5)	3.75%	35.52%
	E2C(1)	3.36%	35.13%
	E2C(2)	3.29%	35.07%
	F14D(1)	2.58%	34.35%
	F14D(2)	2.58%	34.35%
	F14D(3)	2.58%	34.35%
	F14D(4)	2.58%	34.35%
	JTAOM(1)	5.64%	8.24%
	ADCP(1)	1.86%	1.86%
	E3(1)	4.07%	35.85%
	E3(2)	4.07%	35.85%
	RJ(1)	0.95%	32.72%
	CRC(1)	5.64%	6.16%
	AOC(1)	0.49%	0.49%

If the Frequency Assignment authorizes TADIL-J Voice, add the below percentages to the above platforms transmitting TADIL-J Voice.

		Without Relay	With Relay
2.4 Kbps	Voice A	4.16%	8.33%
	Voice B	0.0%	0.0%

Example of TSDF calculation:

$$\text{E3(1): } (\text{Data with Relay} = 45.65\%) + (\text{Voice 'A' with Relay} = 8.33\%) \\ \text{Total Data/Voice with Relay} = 53.98\%$$

In the above example you would enter the result into the Deconfliction Server. Other platform results may vary if Voice or Relay is used.

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Allocation Table for Network AJCO0001A

SB/Net	Net Req.	Net	Set	Idx	RRN
1.1	0	0	C	58	9
2.1	0	0	C	4	10
3.1	0	0	C	20	9
4.1	0	0	C	28	9
5.1	0	0	C	0	10
6.1	0	0	C	8	10
7.1	0	0	A	0	13
7.2	0	0	B	5	11
8.1	0	0	A	2	13
8.2	0	0	B	13	11
9.1	0	0	B	0	12
10.1	0	0	B	6	12
11.1	0	0	C	52	9
12.1	0	0	C	60	9
13.1	0	0	A	1	13
14.1	0	0	A	3	13
15.1	0	0	C	16	10
15.2	0	0	C	12	9
16.1	0	0	C	24	10
16.2	0	0	C	18	9
17.1	0	0	B	3	11
17.2	0	0	C	38	8
18.1	0	0	B	11	11
18.2	0	0	C	46	8
19.1	0	0	C	44	9
20.1	0	0	C	50	9
21.1	0	0	C	102	8
22.1	0	0	C	110	8
23.1	0	0	C	5	10
24.1	0	0	C	1	12
25.1	0	0	B	7	11
25.2	0	0	C	2	9
26.1	0	0	B	15	11
26.2	0	0	C	10	9
27.1	0	0	C	34	9
28.1	0	0	C	42	9
29.1	0	0	C	26	9
30.1	0	0	C	30	9
31.1	0	0	C	86	7
32.1	0	0	B	1	12
33.1	0	0	B	2	12
34.1	0	0	B	4	12
35.1	0	0	C	6	9
35.2	0	0	C	22	8

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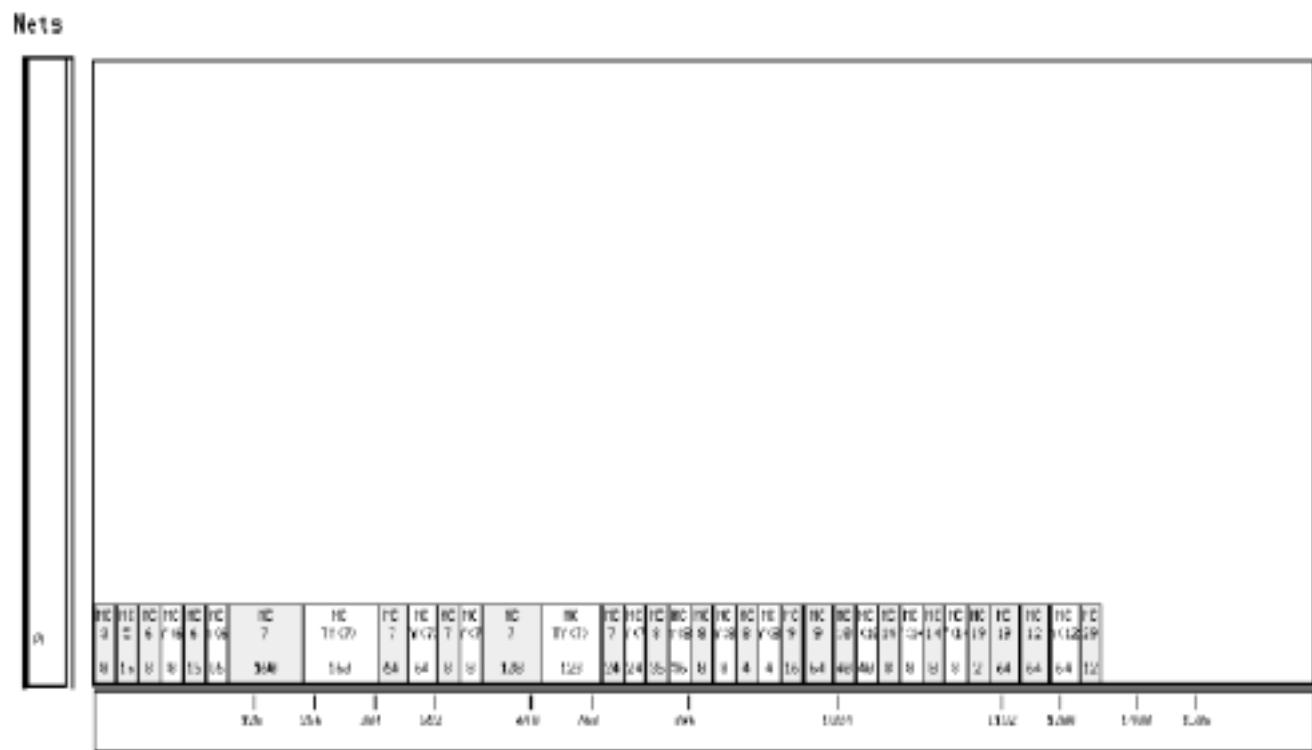
COMSEC Cross Reference Table for Network AJCO0001A

Default MSEC = 0		Default TSEC = 1			
SDU Locations					
Participant	0/1	2/3	4/5	6/7	Overflow
SHIP(1)	1				
SHIP(2)	1				
SHIP(3)	1				
SHIP(4)	1				
SHIP(5)	1				
E2C(1)	1				
E2C(2)	1				
F14D(1)	1				
F14D(2)	1				
F14D(3)	1				
F14D(4)	1				
JTAOM(1)	1				
ADCP(1)	1				
E3(1)	1				
E3(2)	1				
RJ(1)	1				
CRC(1)	1				
AOC(1)	1				

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Time Line Display for Network AJCO0001A

Time Line Display Status: CREATED



Total Slots/Frame

Note: Not to scale

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Service Network Design Load (NDL) File Name Table

Platforms referenced in the below table correspond with specific NDL file names or Network file identification number for each respective participant platform.

Network Platform Name By Service	File Name/Network Used By Host System	
Marine Corps		
JTAOM	JTAOM(1)	TAOM1_20.PF
Air Force		
E3 (AWACS)	E3(1)	E3(1)_CMS, E3(1)_CAF
	E3(2)	E3(2)_CMS, E3(2)_CAF
CRC	CRC(1)	CRC(1)_NDL CRC(1).DOC
AOC	AOC(1)	AOC(1)_NDL AOC(1).DOC
Rivet Joint	RJ(1)	RJ(1)_NDL RJ(1).DOC
Army		
None		
Navy		
E2C	E2C(1)	Network 40
	E2C(2)	Network 40
SHIP	SHIP(1)	Network 40
	SHIP(2)	Network 40
	SHIP(3)	Network 40
	SHIP(4)	Network 40
F14D	F14D(1)	Network 40
	F14D(2)	Network 40
	F14D(3)	Network 40
	F14D(4)	Network 40

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APPENDIX B

SHORT FORM REPORT FOR PARTICIPANT SHIP(1)
SHORT FORM REPORT FOR PARTICIPANT SHIP(2)
SHORT FORM REPORT FOR PARTICIPANT SHIP(3)
SHORT FORM REPORT FOR PARTICIPANT SHIP(4)
SHORT FORM REPORT FOR PARTICIPANT SHIP(5)
SHORT FORM REPORT FOR PARTICIPANT E2C(1)
SHORT FORM REPORT FOR PARTICIPANT E2C(2)
SHORT FORM REPORT FOR PARTICIPANT F14D(1)
SHORT FORM REPORT FOR PARTICIPANT F14D(2)
SHORT FORM REPORT FOR PARTICIPANT F14D(3)
SHORT FORM REPORT FOR PARTICIPANT F14D(4)
SHORT FORM REPORT FOR PARTICIPANT JTAOM(1)
SHORT FORM REPORT FOR PARTICIPANT ADCP(1)
 SHORT FORM REPORT FOR PARTICIPANT E3(1)
 SHORT FORM REPORT FOR PARTICIPANT E3(2)
 SHORT FORM REPORT FOR PARTICIPANT RJ(1)
SHORT FORM REPORT FOR PARTICIPANT P3I-CRC(1)
SHORT FORM REPORT FOR PARTICIPANT AOC(1)
NAVY OPTIONS FILES

AJCO0001A
MARINE CORPS NETWORK DESIGN FACILITY
NETWORK DESCRIPTION

Participant SHIP(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
SHIP(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	1	C	0	6	0	0
	3	T	8	4	4	17.1	1	B	3	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	1	B	7	8	0	0
	6	T	14	8	8	27.1	0	C	34	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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 MARINE CORPS NETWORK DESIGN FACILITY
 NETWORK DESCRIPTION

Participant SHIP(2)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
SHIP(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	2	C	256	6	0	0
	3	T	8	4	4	17.1	2	B	67	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	2	B	71	8	0	0
	6	T	14	8	8	29.1	0	C	26	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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 MARINE CORPS NETWORK DESIGN FACILITY
 NETWORK DESCRIPTION

Participant SHIP(3)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
SHIP(3)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	3	C	128	6	0	0
	3	T	8	4	4	17.1	3	B	35	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	3	B	39	8	0	0
	6	T	14	8	8	27.1	0	C	34	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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 MARINE CORPS NETWORK DESIGN FACILITY
 NETWORK DESCRIPTION

Participant SHIP(4)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
SHIP(4)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	4	C	384	6	0	0
	3	T	8	4	4	17.1	4	B	99	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	4	B	103	8	0	0
	6	T	14	8	8	29.1	0	C	26	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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 MARINE CORPS NETWORK DESIGN FACILITY
 NETWORK DESCRIPTION

Participant SHIP(5)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
SHIP(5)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	5	C	64	6	0	0
	3	T	8	4	4	17.1	5	B	19	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	5	B	23	8	0	0
	6	T	14	8	8	27.1	0	C	34	9	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	7	128	128	13.1	0	A	1	13	0	0
	9	R	7	128	128	14.1	0	A	3	13	0	0
	10	R	9	64	64	24.1	0	C	1	12	0	0
	11	Y	6	8	8	3.1	0	C	20	9	0	24
	12	Y	6	16	16	5.1	0	C	0	10	0	24
	13	Y	7	160	128	7.1	0	A	0	13	0	6
	14	Y	7		32	7.2	0	B	5	11	0	24
	15	Y	7	64	64	9.1	0	B	0	12	0	18
	16	Y	7	8	8	11.1	0	C	52	9	0	24
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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MARINE CORPS NETWORK DESIGN FACILITY
NETWORK DESCRIPTION

Participant E2C(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
E2C(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	6	C	320	6	0	0
	3	T	8	4	4	17.1	6	B	83	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	6	B	87	8	0	0
	6	T	19	2	2	31.1	0	C	86	7	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	9	64	64	24.1	0	C	1	12	0	0
	9	R	19	64	64	32.1	0	B	1	12	0	0
	10	Y	6	8	8	3.1	0	C	20	9	0	24
	11	Y	6	16	16	5.1	0	C	0	10	0	24
	12	Y	7	160	128	7.1	0	A	0	13	0	6
	13	Y	7		32	7.2	0	B	5	11	0	24
	14	Y	7	64	64	9.1	0	B	0	12	0	18
	15	Y	7	8	8	11.1	0	C	52	9	0	24
	16	Y	7	128	128	13.1	0	A	1	13	0	6
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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Participant E2C(2)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
E2C(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	7	C	192	6	0	0
	3	T	8	4	4	17.1	7	B	51	8	0	0
	4	T	9	16	16	23.1	0	C	5	10	0	0
	5	T	10	4	4	25.1	7	B	55	8	0	0
	6	T	19	2	2	31.1	0	C	86	7	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	R	9	64	64	24.1	0	C	1	12	0	0
	9	R	19	64	64	32.1	0	B	1	12	0	0
	10	Y	6	8	8	3.1	0	C	20	9	0	24
	11	Y	6	16	16	5.1	0	C	0	10	0	24
	12	Y	7	160	128	7.1	0	A	0	13	0	6
	13	Y	7		32	7.2	0	B	5	11	0	24
	14	Y	7	64	64	9.1	0	B	0	12	0	18
	15	Y	7	8	8	11.1	0	C	52	9	0	24
	16	Y	7	128	128	13.1	0	A	1	13	0	6
	17	Y	7	24	16	15.1	0	C	16	10	0	24
	18	Y	7		8	15.2	0	C	12	9	0	18
	19	Y	8	36	32	17.1	0	B	3	11	0	24
	20	Y	8		4	17.2	0	C	38	8	0	24
	21	Y	8	8	8	19.1	0	C	44	9	0	18
	22	Y	8	4	4	21.1	0	C	102	8	0	24
	23	Y	10	40	32	25.1	0	B	7	11	0	24
	24	Y	10		8	25.2	0	C	2	9	0	24
	25	Y	14	8	8	27.1	0	C	34	9	0	24
	26	Y	14	8	8	29.1	0	C	26	9	0	12
	27	Y	12	64	64	33.1	0	B	2	12	0	6

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 MARINE CORPS NETWORK DESIGN FACILITY
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Participant F14D(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
F14D(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	5	4	4	2.1	1	C	4	8	0	0
	3	T	6	2	2	3.1	1	C	20	7	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	6
	12	Y	7		32	7.2	0	B	5	11	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	24
	17	Y	7		8	15.2	0	C	12	9	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	24
	19	Y	8		4	17.2	0	C	38	8	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	24
	23	Y	10		8	25.2	0	C	2	9	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	6

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MARINE CORPS NETWORK DESIGN FACILITY
NETWORK DESCRIPTION

Participant F14D(2)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
F14D(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	5	4	4	2.1	2	C	68	8	0	0
	3	T	6	2	2	3.1	2	C	148	7	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	6
	12	Y	7		32	7.2	0	B	5	11	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	24
	17	Y	7		8	15.2	0	C	12	9	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	24
	19	Y	8		4	17.2	0	C	38	8	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	24
	23	Y	10		8	25.2	0	C	2	9	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	6

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 MARINE CORPS NETWORK DESIGN FACILITY
 NETWORK DESCRIPTION

Participant F14D(3)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
F14D(3)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	5	4	4	2.1	3	C	36	8	0	0
	3	T	6	2	2	3.1	3	C	84	7	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	6
	12	Y	7		32	7.2	0	B	5	11	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	24
	17	Y	7		8	15.2	0	C	12	9	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	24
	19	Y	8		4	17.2	0	C	38	8	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	24
	23	Y	10		8	25.2	0	C	2	9	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	6

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Participant F14D(4)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
F14D(4)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	5	4	4	2.1	4	C	100	8	0	0
	3	T	6	2	2	3.1	4	C	212	7	0	0
	4	T	12	64	64	33.1	0	B	2	12	0	0
	5	R	5	16	16	2.1	0	C	4	10	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	19	2	2	31.1	0	C	86	7	0	0
	8	R	19	64	64	32.1	0	B	1	12	0	0
	9	Y	6	8	8	3.1	0	C	20	9	0	24
	10	Y	6	16	16	5.1	0	C	0	10	0	24
	11	Y	7	160	128	7.1	0	A	0	13	0	6
	12	Y	7		32	7.2	0	B	5	11	0	24
	13	Y	7	64	64	9.1	0	B	0	12	0	18
	14	Y	7	8	8	11.1	0	C	52	9	0	24
	15	Y	7	128	128	13.1	0	A	1	13	0	6
	16	Y	7	24	16	15.1	0	C	16	10	0	24
	17	Y	7		8	15.2	0	C	12	9	0	18
	18	Y	8	36	32	17.1	0	B	3	11	0	24
	19	Y	8		4	17.2	0	C	38	8	0	24
	20	Y	8	8	8	19.1	0	C	44	9	0	18
	21	Y	8	4	4	21.1	0	C	102	8	0	24
	22	Y	10	40	32	25.1	0	B	7	11	0	24
	23	Y	10		8	25.2	0	C	2	9	0	24
	24	Y	14	8	8	27.1	0	C	34	9	0	24
	25	Y	14	8	8	29.1	0	C	26	9	0	12
	26	Y	12	64	64	33.1	0	B	2	12	0	6

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Participant JTAOM(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
JTAOM(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	8	C	448	6	0	0
	3	T	7	64	64	13.1	1	A	1	12	0	0
	4	T	8	4	4	19.1	1	C	44	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	R	6	8	8	3.1	0	C	20	9	0	0
	7	R	6	8	8	4.1	0	C	28	9	0	0
	8	R	6	16	16	5.1	0	C	0	10	0	0
	9	R	6	16	16	6.1	0	C	8	10	0	0
	10	R	7	160	128	7.1	0	A	0	13	0	0
	11	R	7		32	7.2	0	B	5	11	0	0
	12	R	7	160	128	8.1	0	A	2	13	0	0
	13	R	7		32	8.2	0	B	13	11	0	0
	14	R	7	64	64	9.1	0	B	0	12	0	0
	15	R	7	64	64	10.1	0	B	6	12	0	0
	16	R	7	8	8	11.1	0	C	52	9	0	0
	17	R	7	8	8	12.1	0	C	60	9	0	0
	18	R	7	128	128	13.1	0	A	1	13	0	0
	19	R	7	128	128	14.1	0	A	3	13	0	0
	20	R	7	24	16	15.1	0	C	16	10	0	0
	21	R	7		8	15.2	0	C	12	9	0	0
	22	R	7	24	16	16.1	0	C	24	10	0	0
	23	R	7		8	16.2	0	C	18	9	0	0
	24	R	8	36	32	17.1	0	B	3	11	0	24
	25	R	8		4	17.2	0	C	38	8	0	24
	26	R	8	8	8	19.1	0	C	44	9	0	18
	27	R	8	4	4	21.1	0	C	102	8	0	24
	28	R	9	64	64	24.1	0	C	1	12	0	0
	29	R	10	40	32	25.1	0	B	7	11	0	24
	30	R	10		8	25.2	0	C	2	9	0	24
	31	R	14	8	8	27.1	0	C	34	9	0	0
	32	R	14	8	8	28.1	0	C	42	9	0	0
	33	R	14	8	8	29.1	0	C	26	9	0	0
	34	R	14	8	8	30.1	0	C	30	9	0	0

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Participant ADCP(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
ADCP(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	9	C	32	6	0	0
	3	T	7	24	16	15.1	0	C	16	10	0	0
	4	T	7		8	15.2	0	C	12	9	0	0
	5	T	8	2	2	21.1	1	C	102	7	0	0
	6	R	6	8	8	3.1	0	C	20	9	0	0
	7	R	6	8	8	4.1	0	C	28	9	0	0
	8	R	6	16	16	5.1	0	C	0	10	0	0
	9	R	6	16	16	6.1	0	C	8	10	0	0
	10	R	7	160	128	7.1	0	A	0	13	0	0
	11	R	7		32	7.2	0	B	5	11	0	0
	12	R	7	160	128	8.1	0	A	2	13	0	0
	13	R	7		32	8.2	0	B	13	11	0	0
	14	R	7	64	64	9.1	0	B	0	12	0	0
	15	R	7	64	64	10.1	0	B	6	12	0	0
	16	R	7	8	8	11.1	0	C	52	9	0	0
	17	R	7	8	8	12.1	0	C	60	9	0	0
	18	R	7	128	128	13.1	0	A	1	13	0	0
	19	R	7	128	128	14.1	0	A	3	13	0	0
	20	R	7	24	16	16.1	0	C	24	10	0	0
	21	R	7		8	16.2	0	C	18	9	0	0
	22	R	8	36	32	17.1	0	B	3	11	0	24
	23	R	8		4	17.2	0	C	38	8	0	24
	24	R	8	8	8	19.1	0	C	44	9	0	18
	25	R	8	4	4	21.1	0	C	102	8	0	24
	26	R	9	16	16	23.1	0	C	5	10	0	0
	27	R	9	64	64	24.1	0	C	1	12	0	0
	28	R	10	40	32	25.1	0	B	7	11	0	24
	29	R	10		8	25.2	0	C	2	9	0	24
	30	R	14	8	8	27.1	0	C	34	9	0	0
	31	R	14	8	8	28.1	0	C	42	9	0	0
	32	R	14	8	8	29.1	0	C	26	9	0	0
	33	R	14	8	8	30.1	0	C	30	9	0	0

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Participant E3(1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
E3(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	10	C	288	6	0	0
	3	T	7	32	32	9.1	1	B	0	11	0	0
	4	T	8	4	4	17.1	8	B	115	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	T	10	4	4	25.1	8	B	119	8	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	T	29	4	4	35.1	1	C	6	8	0	0
	9	R	9	64	64	24.1	0	C	1	12	0	0
	10	R	29	12	8	35.1	0	C	6	9	0	0
	11	R	29		4	35.2	0	C	22	8	0	0
	12	Y	6	8	8	3.1	0	C	20	9	0	24
	13	Y	6	16	16	5.1	0	C	0	10	0	24
	14	Y	7	160	128	7.1	0	A	0	13	0	6
	15	Y	7		32	7.2	0	B	5	11	0	24
	16	Y	7	64	64	9.1	0	B	0	12	0	18
	17	Y	7	8	8	11.1	0	C	52	9	0	24
	18	Y	7	128	128	13.1	0	A	1	13	0	6
	19	Y	7	24	16	15.1	0	C	16	10	0	24
	20	Y	7		8	15.2	0	C	12	9	0	18
	21	Y	8	36	32	17.1	0	B	3	11	0	24
	22	Y	8		4	17.2	0	C	38	8	0	24
	23	Y	8	8	8	19.1	0	C	44	9	0	18
	24	Y	8	4	4	21.1	0	C	102	8	0	24
	25	Y	10	40	32	25.1	0	B	7	11	0	24
	26	Y	10		8	25.2	0	C	2	9	0	24
	27	Y	14	8	8	27.1	0	C	34	9	0	24
	28	Y	14	8	8	29.1	0	C	26	9	0	12
	29	Y	12	64	64	33.1	0	B	2	12	0	6

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Participant E3(2)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
E3(2)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	11	C	160	6	0	0
	3	T	7	32	32	9.1	2	B	8	11	0	0
	4	T	8	4	4	17.2	9	C	38	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	T	10	4	4	25.2	9	C	2	8	0	0
	7	T	12	64	64	33.1	0	B	2	12	0	0
	8	T	29	4	4	35.1	2	C	70	8	0	0
	9	R	9	64	64	24.1	0	C	1	12	0	0
	10	R	29	12	8	35.1	0	C	6	9	0	0
	11	R	29		4	35.2	0	C	22	8	0	0
	12	Y	6	8	8	3.1	0	C	20	9	0	24
	13	Y	6	16	16	5.1	0	C	0	10	0	24
	14	Y	7	160	128	7.1	0	A	0	13	0	6
	15	Y	7		32	7.2	0	B	5	11	0	24
	16	Y	7	64	64	9.1	0	B	0	12	0	18
	17	Y	7	8	8	11.1	0	C	52	9	0	24
	18	Y	7	128	128	13.1	0	A	1	13	0	6
	19	Y	7	24	16	15.1	0	C	16	10	0	24
	20	Y	7		8	15.2	0	C	12	9	0	18
	21	Y	8	36	32	17.1	0	B	3	11	0	24
	22	Y	8		4	17.2	0	C	38	8	0	24
	23	Y	8	8	8	19.1	0	C	44	9	0	18
	24	Y	8	4	4	21.1	0	C	102	8	0	24
	25	Y	10	40	32	25.1	0	B	7	11	0	24
	26	Y	10		8	25.2	0	C	2	9	0	24
	27	Y	14	8	8	27.1	0	C	34	9	0	24
	28	Y	14	8	8	29.1	0	C	26	9	0	12
	29	Y	12	64	64	33.1	0	B	2	12	0	6

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Participant RJ(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
RJ(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	12	C	416	6	0	0
	3	T	7	8	8	11.1	0	C	52	9	0	0
	4	T	10	4	4	25.2	10	C	66	8	0	0
	5	T	12	64	64	33.1	0	B	2	12	0	0
	6	R	9	16	16	23.1	0	C	5	10	0	0
	7	R	9	64	64	24.1	0	C	1	12	0	0
	8	Y	6	8	8	3.1	0	C	20	9	0	24
	9	Y	6	16	16	5.1	0	C	0	10	0	24
	10	Y	7	160	128	7.1	0	A	0	13	0	6
	11	Y	7		32	7.2	0	B	5	11	0	24
	12	Y	7	64	64	9.1	0	B	0	12	0	18
	13	Y	7	8	8	11.1	0	C	52	9	0	24
	14	Y	7	128	128	13.1	0	A	1	13	0	6
	15	Y	7	24	16	15.1	0	C	16	10	0	24
	16	Y	7		8	15.2	0	C	12	9	0	18
	17	Y	8	36	32	17.1	0	B	3	11	0	24
	18	Y	8		4	17.2	0	C	38	8	0	24
	19	Y	8	8	8	19.1	0	C	44	9	0	18
	20	Y	8	4	4	21.1	0	C	102	8	0	24
	21	Y	10	40	32	25.1	0	B	7	11	0	24
	22	Y	10		8	25.2	0	C	2	9	0	24
	23	Y	14	8	8	27.1	0	C	34	9	0	24
	24	Y	14	8	8	29.1	0	C	26	9	0	12
	25	Y	12	64	64	33.1	0	B	2	12	0	6

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Participant P3I-CRC(1)

	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
P3ICRC(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	13	C	96	6	0	0
	3	T	7	64	64	13.1	2	A	5	12	0	0
	4	T	8	4	4	19.1	2	C	108	8	0	0
	5	T	9	16	16	23.1	0	C	5	10	0	0
	6	T	12	64	64	33.1	0	B	2	12	0	6
	7	R	6	8	8	3.1	0	C	20	9	0	0
	8	R	6	8	8	4.1	0	C	28	9	0	0
	9	R	6	16	16	5.1	0	C	0	10	0	0
	10	R	6	16	16	6.1	0	C	8	10	0	0
	11	R	7	160	128	7.1	0	A	0	13	0	0
	12	R	7		32	7.2	0	B	5	11	0	0
	13	R	7	160	128	8.1	0	A	2	13	0	0
	14	R	7		32	8.2	0	B	13	11	0	0
	15	R	7	64	64	9.1	0	B	0	12	0	0
	16	R	7	64	64	10.1	0	B	6	12	0	0
	17	R	7	8	8	11.1	0	C	52	9	0	0
	18	R	7	8	8	12.1	0	C	60	9	0	0
	19	R	7	128	128	13.1	0	A	1	13	0	0
	20	R	7	128	128	14.1	0	A	3	13	0	0
	21	R	7	24	16	15.1	0	C	16	10	0	0
	22	R	7		8	15.2	0	C	12	9	0	0
	23	R	7	24	16	16.1	0	C	24	10	0	0
	24	R	7		8	16.2	0	C	18	9	0	0
	25	R	8	36	32	17.1	0	B	3	11	0	24
	26	R	8		4	17.2	0	C	38	8	0	24
	27	R	8	8	8	19.1	0	C	44	9	0	18
	28	R	8	4	4	21.1	0	C	102	8	0	24
	29	R	9	64	64	24.1	0	C	1	12	0	0
	30	R	10	40	32	25.1	0	B	7	11	0	24
	31	R	10		8	25.2	0	C	2	9	0	24
	32	R	14	8	8	27.1	0	C	34	9	0	0
	33	R	14	8	8	28.1	0	C	42	9	0	0
	34	R	14	8	8	29.1	0	C	26	9	0	0
	35	R	14	8	8	30.1	0	C	30	9	0	0

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Participant AOC (1)

Participant	Block Id. No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elemt.	Set	Index	RRN	Net	Relay Delay
AOC(1)	1	T	3	8	8	1.1	0	C	58	9	0	0
	2	T	6	1	1	5.1	14	C	352	6	0	0
	3	T	8	2	2	21.1	2	C	230	7	0	0
	4	T	29	4	4	35.2	3	C	22	8	0	0
	5	R	6	8	8	3.1	0	C	20	9	0	0
	6	R	6	8	8	4.1	0	C	28	9	0	0
	7	R	6	16	16	5.1	0	C	0	10	0	0
	8	R	6	16	16	6.1	0	C	8	10	0	0
	9	R	7	160	128	7.1	0	A	0	13	0	0
	10	R	7		32	7.2	0	B	5	11	0	0
	11	R	7	160	128	8.1	0	A	2	13	0	0
	12	R	7		32	8.2	0	B	13	11	0	0
	13	R	7	64	64	9.1	0	B	0	12	0	0
	14	R	7	64	64	10.1	0	B	6	12	0	0
	15	R	7	8	8	11.1	0	C	52	9	0	0
	16	R	7	8	8	12.1	0	C	60	9	0	0
	17	R	7	128	128	13.1	0	A	1	13	0	0
	18	R	7	128	128	14.1	0	A	3	13	0	0
	19	R	7	24	16	15.1	0	C	16	10	0	0
	20	R	7		8	15.2	0	C	12	9	0	0
	21	R	7	24	16	16.1	0	C	24	10	0	0
	22	R	7		8	16.2	0	C	18	9	0	0
	23	R	8	36	32	17.1	0	B	3	11	0	24
	24	R	8		4	17.2	0	C	38	8	0	24
	25	R	8	8	8	19.1	0	C	44	9	0	18
	26	R	8	4	4	21.1	0	C	102	8	0	24
	27	R	9	16	16	23.1	0	C	5	10	0	0
	28	R	9	64	64	24.1	0	C	1	12	0	0
	29	R	10	40	32	25.1	0	B	7	11	0	24
	30	R	10		8	25.2	0	C	2	9	0	24
	31	R	14	8	8	27.1	0	C	34	9	0	0
	32	R	14	8	8	28.1	0	C	42	9	0	0
	33	R	14	8	8	29.1	0	C	26	9	0	0
	34	R	14	8	8	30.1	0	C	30	9	0	0
	35	R	29	12	8	35.1	0	C	6	9	0	0
	36	R	29		4	35.2	0	C	22	8	0	0

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NPG 7 Option 1

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
C2(1)	1	T	7	40	32	7.1	1	A	0	11	0
	2	T	7		8	7.2	1	B	5	9	0
C2(2)	1	T	7	40	32	7.1	2	A	8	11	0
	2	T	7		8	7.2	2	B	37	9	0
C2(3)	1	T	7	40	32	7.1	3	A	4	11	0
	2	T	7		8	7.2	3	B	21	9	0
C2(4)	1	T	7	40	32	7.1	4	A	12	11	0
	2	T	7		8	7.2	4	B	53	9	0

NPG 7 Option 2

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
C2(1)	1	T	7	50	32	7.1	1	A	0	11	0
	2	T	7		16	7.1	1	A	4	10	0
	3	T	7		2	7.2	1	B	117	7	0
C2(2)	1	T	7	50	32	7.1	2	A	8	11	0
	2	T	7		16	7.1	2	A	20	10	0
	3	T	7		2	7.2	2	B	245	7	0
C2(3)	1	T	7	20	16	7.1	3	A	12	10	0
	2	T	7		4	7.2	3	B	21	8	0
C2(4)	1	T	7	20	16	7.1	4	A	28	10	0
	2	T	7		4	7.2	4	B	85	8	0
C2(5)	1	T	7	20	16	7.2	5	B	5	10	0
	2	T	7		4	7.2	5	B	53	8	0

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NPG 7 Option 3

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
C2(1)	1	T	7	64	64	7.1	1	A	0	12	0
C2(2)	1	T	7	64	64	7.1	2	A	4	12	0
C2(3)	1	T	7	8	8	7.2	3	B	5	9	0
C2(4)	1	T	7	8	8	7.2	4	B	37	9	0
C2(5)	1	T	7	8	8	7.2	5	B	21	9	0
C2(6)	1	T	7	8	8	7.2	6	B	53	9	0

NPG 7 Option 4

Participant	Slot Block No.	Slot Type	Msg Cat	Total Slots Req'd	Slot Blocks Req'd	Slot Group A=Agg	Slot Group Elem.	Time Slots Assigned Set	Index	RRN	Net
C2(1)	1	T	7	24	16	7.1	1	A	0	10	0
	2	T	7		8	7.1	1	A	28	9	0
C2(2)	1	T	7	24	16	7.1	2	A	16	10	0
	2	T	7		8	7.1	2	A	60	9	0
C2(3)	1	T	7	24	16	7.1	3	A	8	10	0
	2	T	7		8	7.2	3	B	5	9	0
C2(4)	1	T	7	24	16	7.1	4	A	24	10	0
	2	T	7		8	7.2	4	B	37	9	0
C2(5)	1	T	7	24	16	7.1	5	A	4	10	0
	2	T	7		8	7.2	5	B	21	9	0
C2(6)	1	T	7	20	16	7.1	6	A	20	10	0
	2	T	7		4	7.2	6	B	53	8	0
C2(7)	1	T	7	20	16	7.1	7	A	12	10	0
	2	T	7		4	7.2	7	B	117	8	0

